Skull Base Fellows Course
August 29–30, 2019 • Cleveland, Ohio

Course Director
Nicholas C. Bambakidis

Faculty
Sepideh Amin-Hanjani, Brian D’anza, Paul Gardner, Yin C. Hu, Louis J. Kim, Cliff Megerian, Sarah E. Mowry, Peter Nakaji, Pablo F. Recinos, Kenneth Rodriguez, Maroun Semaan, Carl H. Snyderman, Joseph M. Zabramski

Course Description
This course is designed for skull base fellows or early-career neurosurgeons with an interest in skull base surgery. The two-day intensive course will include a combination of lectures, case-based discussions, and cadaver dissections designed to cover the basic surgical approaches and anatomy required of every skull base neurosurgeon. Faculty will include neurosurgeons and ENT surgeons who will demonstrate both posterolateral transtemporal surgical approaches as well as endoscopic endonasal anatomy and surgical options.

Learning Objectives
Upon completion of this course, attendees will be able to:
- Discuss indications for surgical treatment of lesions of the cranial skull base
- Perform endoscopic endonasal approaches to the anterior cranial skull base and sella
- Describe transtemporal approaches to the cerebellopontine angle and posterior cranial skull base
- Perform skull base approaches to the middle and posterior cranial fossa

Accreditation Statement
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME). The Congress of Neurological Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement
The CNS designates this live activity for a maximum of 17.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
Agenda

Thursday, August 29, 2019
Endonasal Endoscopic Approaches to the Anterior Cranial Skull Base

7:00–7:30 am
Welcome and Breakfast

7:30–8:00 am
Basic Intra-nasal Anatomy and Anatomy of the Pituitary Gland and Parasellar Region
Kenneth Rodriguez

8:00–8:20 am
Equipment Set Up and Operating Room Strategy
Carl H. Snyderman

8:20–8:45 am
Indications for Surgical Resection of Endonasal Pathology
Pablo F. Recinos

8:45–9:30 am
Resection Techniques with Intraoperative Examples
Paul Gardner

9:30–10:15 am
Reconstruction of the Surgical Defects
Carl H. Snyderman

10:15–11:00 am
The Far Lateral Approach and Its Variations
Louis J. Kim

11:00–11:45 am
Break and Lunch

11:45 am–5:00 pm
Laboratory Session
Endonasal Endoscopic Approaches, Orbitozygomatic Approaches and Variations

6:30 pm
Shuttle departs Courtyard Marriott for course dinner

7:00 pm
Course Dinner
Friday, August 30, 2019
Posterolateral Skull Base Approaches

7:00–7:30 am
Welcome and Breakfast

7:30–8:00 am
Anatomy of the Posterolateral Skull Base
Joseph M. Zabramski

8:00–8:45 am
Indications and Approaches for the Management of Skull Base Pathology
Nicholas C. Bambakidis

8:45–9:30 am
Posterolateral Skull Base Approaches for the Treatment of Skull Base Aneurysm and Bypass
Sepideh Amin-Hanjani

9:30–10:00 am
Approaches and Indications for the Treatment of Cavernous Malformations and AVM
Peter Nakaji

10:00–10:30 am
Orbitozygomatic Approaches and Variations
Yin C. Hu

10:30–11:45 am
Transpetrous and Combined Approaches
Maroun Semaan, Sarah E. Mowry, Cliff Megerian

11:45 am–12:30 pm
Break and Lunch

12:30–5:00 pm
Laboratory Session
Retrosigmoid/Translabyrinthine/Transpetrosal, Far Lateral Approach and Variations

5:00 pm
Course Adjourns and Departure

*Agenda and faculty subject to change